Service Manual

Vacuum Cleaner

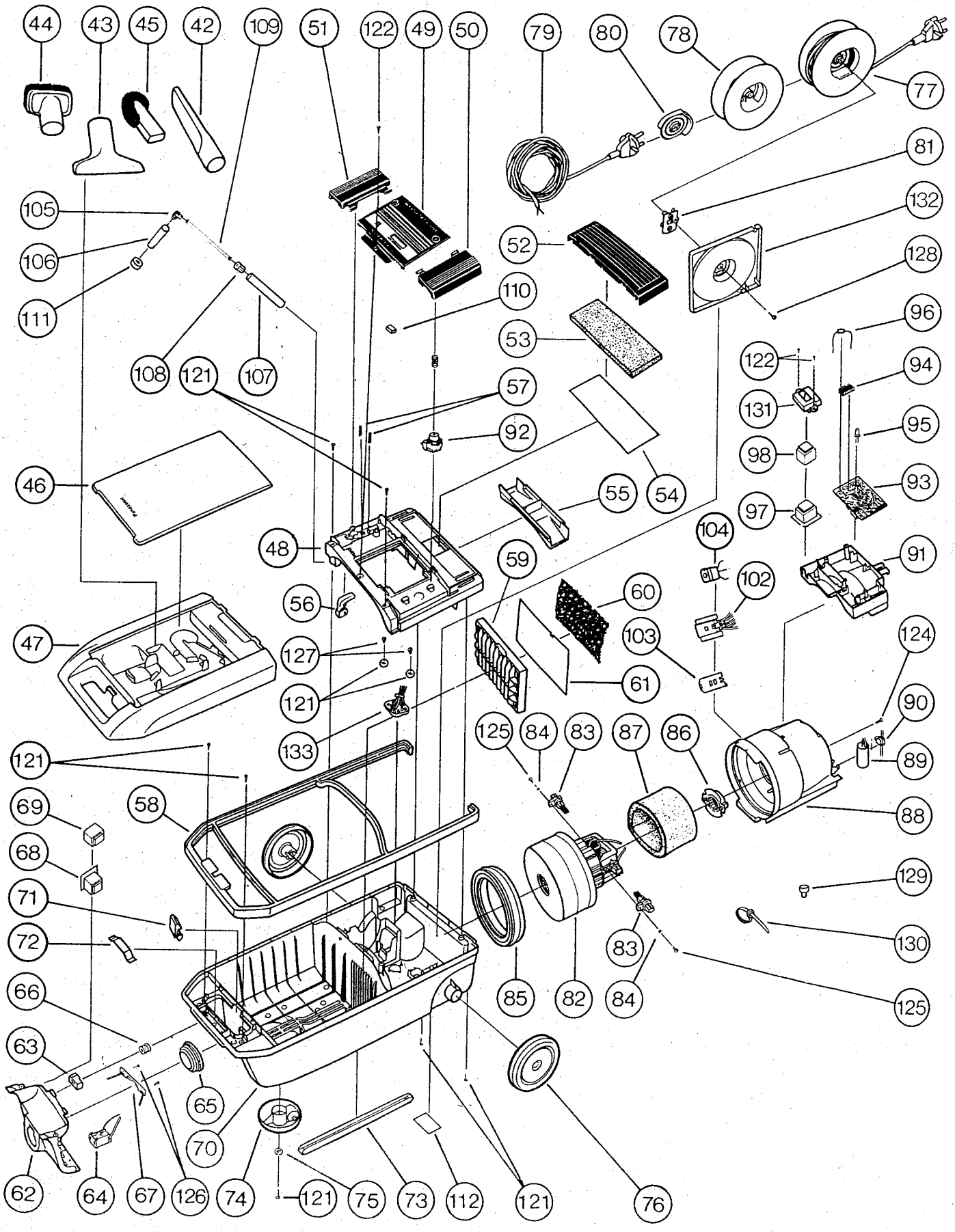
MODELS MC-E91N / MC-E91NB / MC-E92N MC-E93N

SPECIFICATIONS

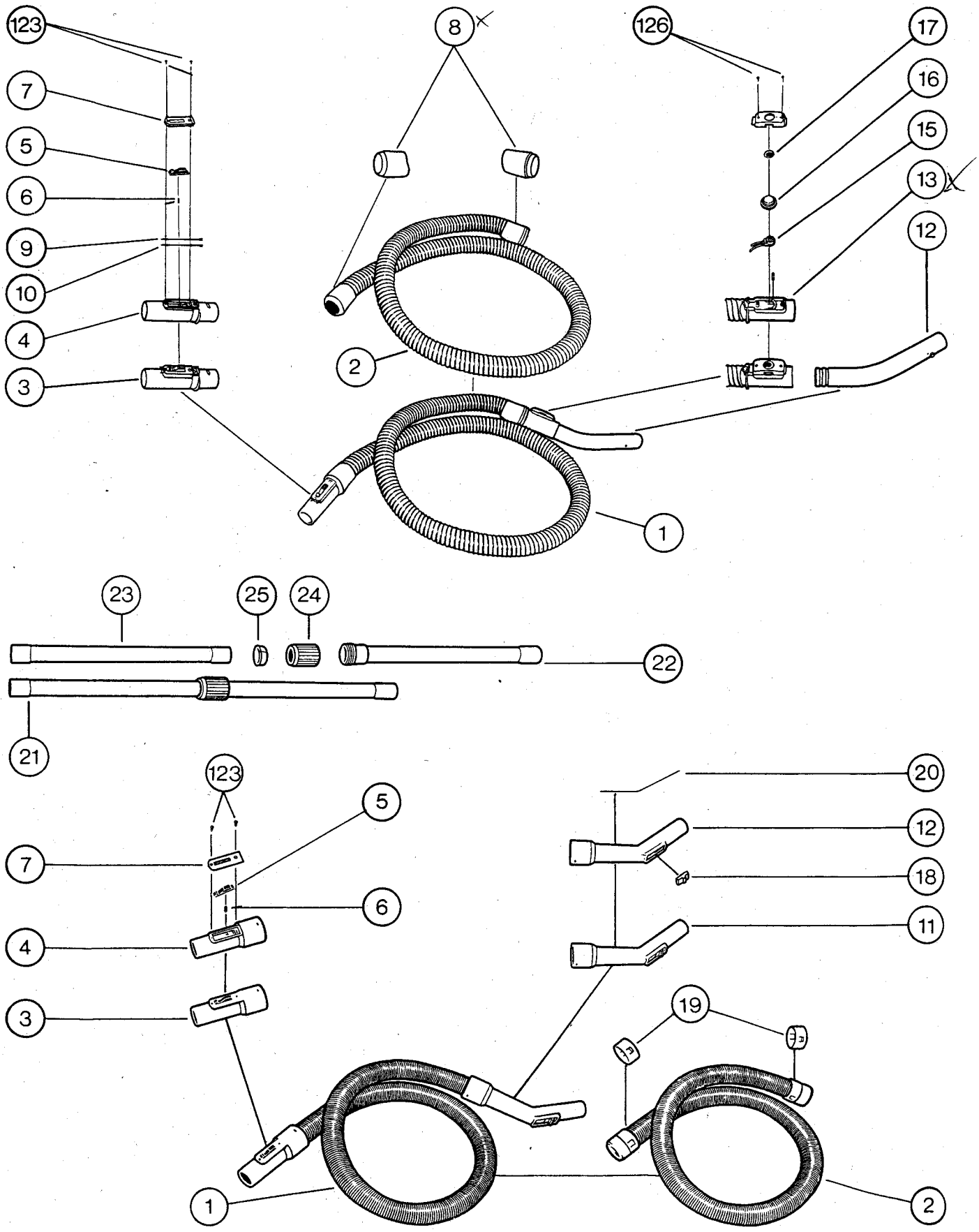
	MC-E91N	MC-E91NB	MC-E92N	MC-E93N
Power source	AC220V 50Hz	AC125/220V 50Hz	AC220V 50Hz	AC220V 50Hz
Motor power	1000 W	1000 W	1000 - 300 W	1000 - 300 W
Water lift	2400 mm H_2O	2400 mm H_2O	2400 mm H_2O	2400 mm H_1O
Radious of action	9,7 m	9,7 m	9,7 m	9,8 m
Net weight	6,9 kg	7,0 kg	7,0 kg	7,2 kg
Dimensions (W × L × H) mm.	276 × 218 × 560	276 × 218 × 560	276 × 218 × 560	276 × 218 × 560
Attachments				
Dusting brush	●	●	●	●
Crevice nozzle	●	●	●	●
Upholstry nozzle	●	●	●	●
Radiator nozzle	●	●	●	●

Panasonic

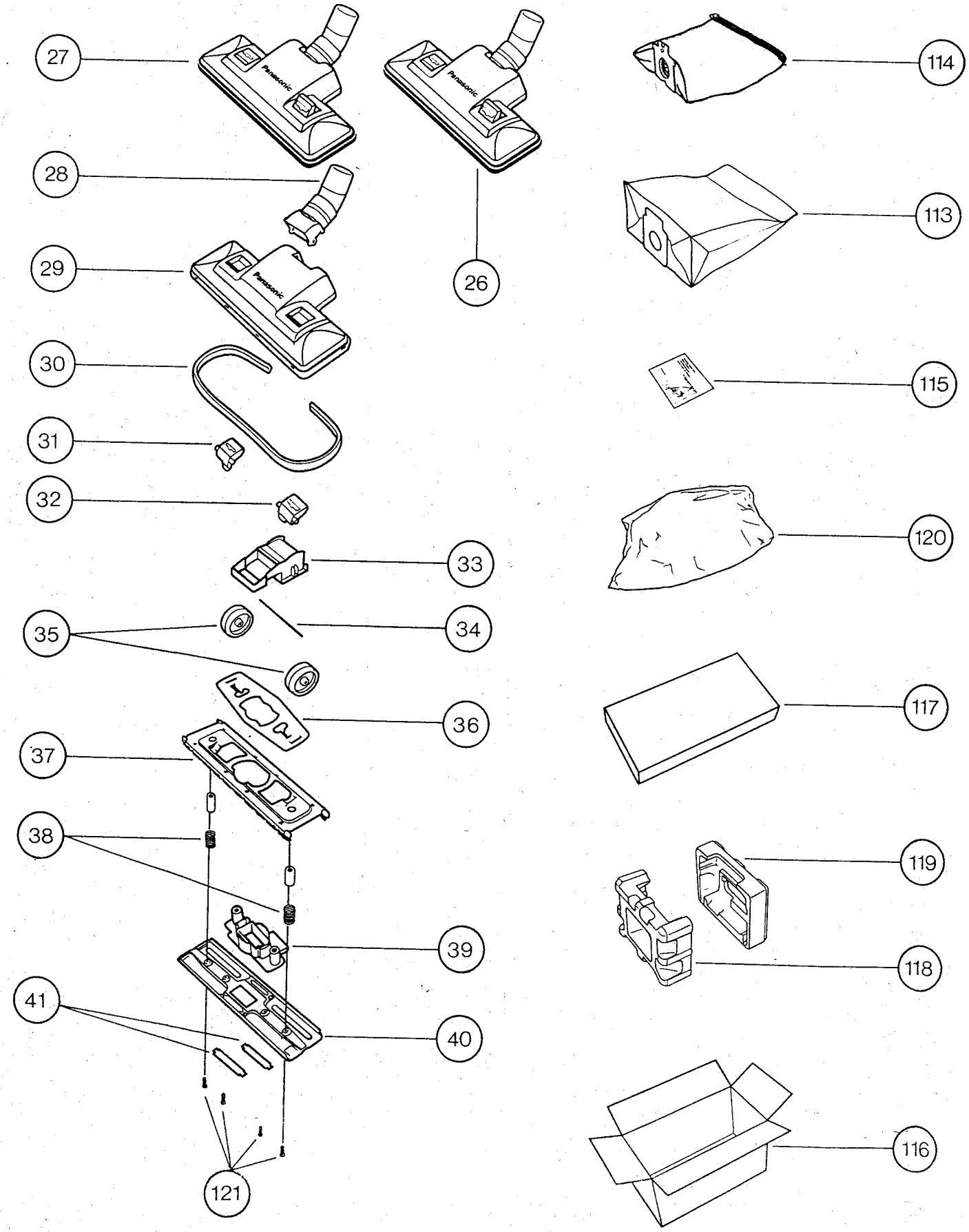
EXPLODED VIEW



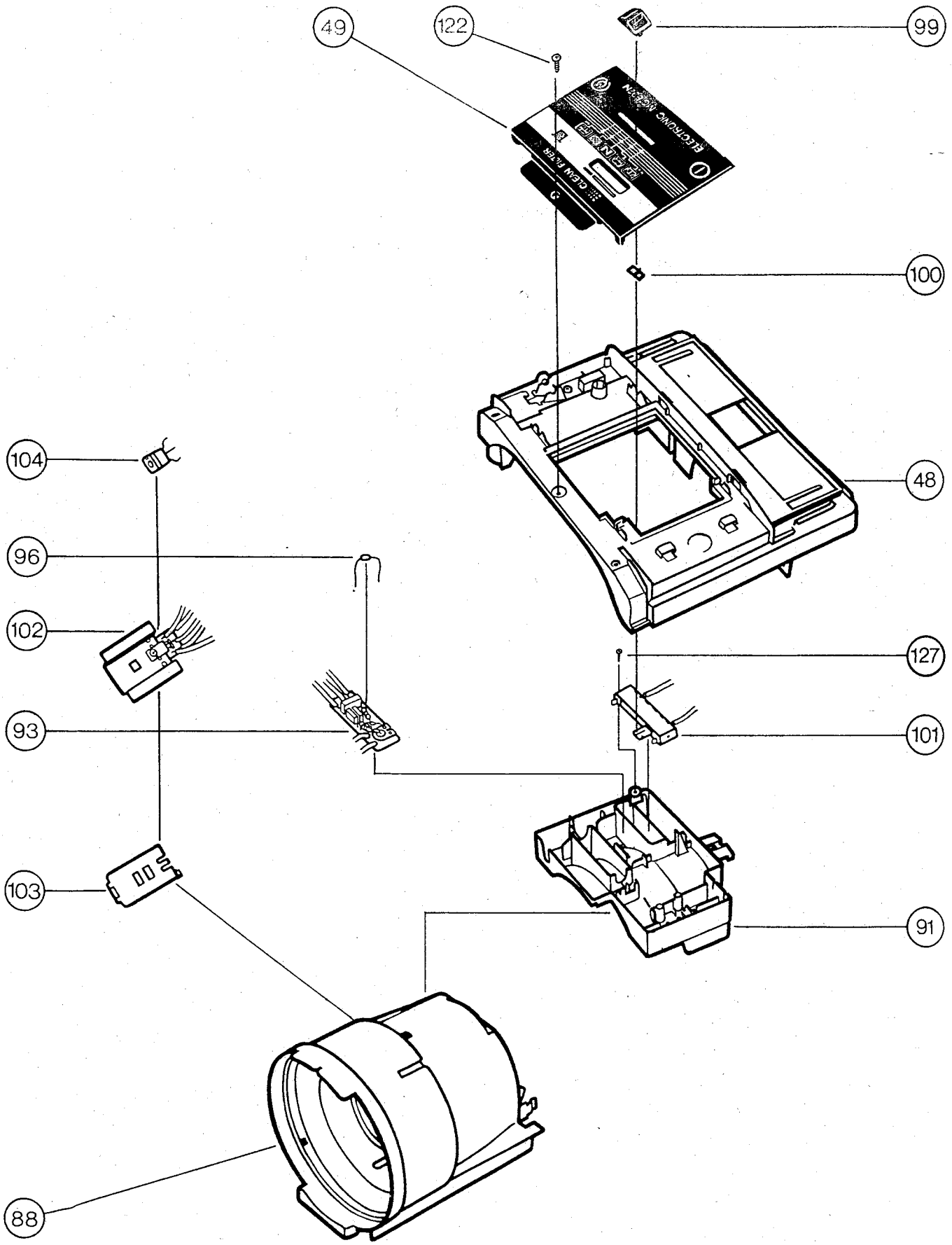
EXPLODED VIEW



EXPLODED VIEW



FOR MODEL MC-E92N



REPLACEMENT PARTS LIST

REF. N°	DESCRIPTION	PART N°	SERVICE CODE	Q'TY	MC-E91N	MC-E91NB	MC-E92N	MC-E93N	
1	HOSE UNIT	AMC8GA922510		1	•	•	•		
1	HOSE UNIT	AMC8GA922620		1				•	
2	HOSE	AMC8GA0121050		1				•	
2	HOSE	AMC8GA012500		1	•	•	•		
3	HOSE CONNECTING TUBE UNIT	AMC8GA9325050		1	•	•	•		
3	HOSE CONNECTING TUBE UNIT	AMC8GA9326060		1				•	
4	HOSE CONNECTING TUBE	AMC8GA022505		1	•	•	•		
4	HOSE CONNECTING TUBE	AMC8GA020106		1				•	
5	HOOK FOR HOSE	AMC8GA030105		1	•	•	•	•	
6	HOOK SPRING	AMC8GA040110		1	•	•	•	•	
7	HOOK COVER	AMC8GA050106		1				•	
7	HOOK COVER	AMC8GA052505		1	•	•	•		
8	HOSE COVER	AMC8GA060106		2				•	
9	HOSE TERMINAL L	AMC8GA512600		1				•	
10	HOSE TERMINAL C	AMC8GA522600		1				•	
11	CURVED TUBE UNIT	AMC8GA942515		1	•	•	•		
12	CURVED TUBE	AMC8GA072515		1	•	•	•		
12	CURVED TUBE	AMC8GA072610		1				•	
13	JOINT PIPE	AMC8GA092106		1				•	
14	JOINT PIPE COVER	AMC8GA102606		1				•	
15	ROTATORY POTENTIOMETER	AMC8GA692600		1				•	
16	REMOTE CONTROL BUTTON	AMC8GA172608		1				•	
17	INDICATOR DIAL	AMC8GM152600		1				•	
18	SUCTION REGULATOR	AMC8GA082503		1	•	•	•		
19	HOSE HOLDER	AMC8GA112505		2	•	•	•		
20	ANTIESTATIC BAR	AMC8GA612500		1	•	•	•		
21	EXTENSION WAND UNIT	AMC8GA852500		1	•	•	•	•	
22	EXTENSION WAND L UNIT	AMC8GA772500		1	•	•	•	•	
23	EXTENSION WAND C	AMC8GA822500		1	•	•	•	•	
24	TUBE GRIP	AMC8GA582505		1	•	•	•	•	
25	TUBE RING	AMC8GA602505		1	•	•	•	•	
26	FLOOR NOZZLE	AMC8GA9971051		1	•	•	•	•	
27	FLOOR NOZZLE COVER UNIT	AMC8GA9071051		1	•	•	•	•	
28	FLOOR NOZZLE PIPE UNIT	AMC8GA7971051		1	•	•	•	•	
29	FLOOR NOZZLE COVER	AMC8GA2871051		1	•	•	•	•	
30	F. NOZZLE FURNITURE GUARD	AMC8GA3371050		1	•	•	•	•	
31	RIGHT PEDAL	AMC8GA2971051		1	•	•	•	•	
32	LEFT PEDAL	AMC8GA3571051		1	•	•	•	•	
33	FLOOR NOZZLE SUCTION INLET	AMC8GA6771051		1	•	•	•	•	
34	ROLLER SHAFT	AMC8GA5571000		1	•	•	•	•	
35	FLOOR NOZZLE ROLLER	AMC8GA5671051		2	•	•	•	•	
36	FLOOR NOZZLE LEVER	AMC8GA3171000		1	•	•	•	•	
37	FLOOR NOZZLE BRUSH UNIT	AMC8GA8971000		1	•	•	•	•	
38	FLOOR NOZZLE SPRING	AMC8GA3671000		2	•	•	•	•	
39	FLOOR NOZZLE SUPLEMENT	AMC8GA3771051		1	•	•	•	•	
40	FLOOR NOZZLE UNDER PART	AMC8GA3971000		1	•	•	•	•	
41	LINEN RETAKE	AMC8GA4171000		2	•	•	•	•	
42	CREVICE NOZZLE	AMC8GA132105		1	•	•	•	•	
43	UPHOLSTERY NOZZLE	AMC8GA276105		1	•	•	•	•	
44	DUSTING BRUSH	AMC8GA972105		1	•	•	•	•	
45	RADIATOR NOZZLE	AMC8GA960105		1	•	•	•	•	

REF. N°	DESCRIPTION	PART N°	SERVICE CODE	Q'TY	MC-E91N	MC-E91NB	MC-E92N	MC-E93N
46	ACCESORY LID (IVORY)	AMC8GT2571141		1	•	•		
46	ACCESORY LID (GREY)	AMC8GT2571131		1			•	
46	ACCESORY LID (GREY)	AMC8GT2571132		1				•
47	DUST COVER (IVORY)	AMC8GT0171141		1	•	•		
47	DUST COVER (GREY)	AMC8GT0171131		1			•	
47	DUST COVER (GREY)	AMC8GT0171132		1				•
48	BODY «A» (IVORY)	AMC8GC0171141		1	•	•		
48	BODY «A» (GREY)	AMC8GC0171131		1			•	
48	BODY «A» (GREY)	AMC8GC0171132		1				•
49	PEDAL COVER	AMC8GT0571161		1	•	•		
49	PEDAL COVER	AMC8GT0575161		1			•	
49	PEDAL COVER	AMC8GT9177161		1				•
50	SWITCH PEDAL	AMC8GT1471061		1	•	•	•	•
51	CORD REEL PEDAL	AMC8GT1371161		1	•	•	•	•
52	BLOWER COVER	AMC8GT0771061		1	•	•	•	•
53	REAR FILTER	AMC8GT0971100		1	•	•	•	•
54	ELECTROSTATIC EXP. FILTER	AMC8GE2871000		1	•	•	•	•
55	REAR FILTER SUPPORT	AMC8GC2171100		1	•	•	•	•
56	BRAKE LEVER UNIT	AMC8GP9621000		1	•	•	•	•
57	BRAKE SPRING	AMC8GP2201000		2	•	•	•	•
58	FURNITURE GUARD	AMC8GC0371161		1	•	•	•	•
59	FILTER SUPPORT	AMC8GF1875050		1	•	•	•	•
60	CENTRAL FILTER	AMC8GF0375000		1	•	•	•	•
61	ELECTROSTATIC CENT. FILTER	AMC8GF2971000		1	•	•	•	•
62	SUCTION INLET (IVORY)	AMC8GT1171041		1	•	•		
62	SUCTION INLET (GREY)	AMC8GT1171031		1			•	
62	SUCTION INLET (GREY)	AMC8GT1171032		1				•
63	ALARM	AMC8GI1977000		1				•
63	ALARM	AMC8GI1971000		1	•	•	•	
64	POWER NOZZLE SOCKET	AMC8GE9671000		1	•		•	•
65	SUCTION PACKING	AMC8GT1271000		1	•	•	•	•
66	ALARM PACKING	AMC8GT2171000		1	•	•	•	•
67	TERMINAL CIRCUIT	AMC8GD9477000		1				•
68	TRANSFORMER CIRCUIT UNIT	AMC8GE8677000		1				•
69	TRANSFORMER T1	AMC8GE6126000		1				•
70	BODY «B» (IVORY)	AMC8GC0271041		1	•	•		
70	BODY «B» (GREY)	AMC8GC0271031		1			•	
70	BODY «B» (GREY)	AMC8GC0271032		1				•
71	BACKLE	AMC8GT0371061		1	•	•	•	•
72	BACKLE SPRING	AMC8GT0971000		1	•	•	•	•
73	CABLE COVER (IVORY)	AMC8GC1271041		1	•	•		
73	CABLE COVER (GREY)	AMC8GC1271031		1			•	
73	CABLE COVER (GREY)	AMC8GC1271032		1				•
74	CASTER	AMC8GR9971061		1	•	•	•	•
75	CASTER WASHER	AMC8GR0501000		—	1	3	1	1
76	WHEEL	AMC8GR0171061		2	•	•	•	•
77	CORD REEL UNIT	AMC8GP9773100		1	•	•	•	•
78	CORD REEL	AMC8GP9083000		1	•	•	•	•
79	CORD UNIT	AMC8GE9723050		1	•	•	•	•
80	RAIL BASE UNIT	AMC8GP9381000		1	•	•	•	•
81	CONTACT BASE UNIT	AMC8GP9481000		1	•	•	•	•

REF. N°	DESCRIPTION	PART N°	SERVICE CODE	Q'TY	MC-E91N	MC-E91NB	MC-E92N	MC-E93N	
82	MOTOR UNIT 3F-1202E	AMC8GE9971000		1	•		•	•	
82	MOTOR UNIT 3F-1207E	AMC8GE9972000		1		•			
83	CARBON BRUSH UNIT	AMC8GE310110		2	•	•	•	•	
84	SPRING WASHER ØUNIT	AMC8GXWA4BF9		2	•	•	•	•	
85	FRONT MOTOR SUPPORT	AMC8GE087100		1	•	•	•	•	
86	REAR MOTOR SUPPORT	AMC8GE090100		1	•	•	•	•	
87	NOISE SUPPRESSOR	AMC8GE112100		1	•	•	•	•	
88	MOTOR COVER	AMC8GE107100		1	•	•	•	•	
89	CAPACITOR	AMC8GE157100		1	•	•	•	•	
90	THERMO PROTECTOR	AMC8GE140120		1	•	•	•	•	
91	BODY COVER	AMC8GC227110		1	•	•	•		
91	BODY COVER	AMC8GC227710		1				•	
92	ON/OFF SWITCH	AMC8GE016100		1	•	•	•	•	
93	PRINTED CIRCUIT UNIT	AMC8GE917700		1				•	
93	PRINTED CIRCUIT UNIT	AMC8GE917500		1			•		
94	INTEGRATED CIRCUIT	AMC8GE402600		1				•	
95	LED	AMC8GE392600		5				•	
96	DIAC	AMC8GE280500		1			•	•	
97	TRANSFORMER CIRCUIT B	AMC8GE857700		1				•	
98	TRANSFORMER T2	AMC8GE602600		1				•	
99	POTENTIOMETER BUTTON	AMC8GE1775061		1			•		
100	BUTTON SUPLEMENT	AMC8GE212500		1			•		
101	POTENTIOMETER	AMC8GE160501		1			•		
102	TRIAC CIRCUIT	AMC8GE817700		1				•	
102	TRIAC CIRCUIT	AMC8GE817500		1			•		
103	TRIAC SUPPORT	AMC8GE667500		1			•	•	
104	TRIAC	AMC8GE192500		1			•	•	
105	INDICATOR ELBOW	AMC8GI040100		1	•	•	•	•	
106	INDICATOR CONDUCT	AMC8GI187100		1	•	•	•	•	
107	INDICATOR TUBE	AMC8GI020110		1	•	•	•	•	
108	INDICATOR INDEX	AMC8GI030100		1	•	•	•	•	
109	INDICATOR SPRING	AMC8GI050100		1	•	•	•	•	
110	INDICATOR PACKING	AMC8GI157100		1	•	•	•	•	
111	INDICATOR RING PACKING	AMC8GI130100		1	•	•	•	•	
112	RATING PLATE	AMC8GM057110		1	•				
112	RATING PLATE	AMC8GM057520		1			•		
112	RATING PLATE	AMC8GM057720		1				•	
112	RATING PLATE	AMC8GM037210		1		•			
113	PAPER DUST BAG	AMC8GF017100		1	•	•	•	•	
114	CLOTH DUST BAG	AMC8GF992120		1	•	•	•	•	
115	MANUAL INSTRUCTIONS	AMC8GZ077240		1	•	•	•	•	
116	CARTON BOX	AMC8GZ017110		1	•				
116	CARTON BOX	AMC8GZ017510		1			•		
116	CARTON BOX	AMC8GZ017710		1				•	
116	CARTON BOX	AMC8GZ017210		1		•			
117	ACCESSORIES BOX	AMC8GZ217100		1	•	•	•	•	
118	CUSHION A	AMC8GZ027100		1	•	•	•	•	
119	CUSHION B	AMC8GZ037110		1	•	•	•	•	
120	SET COVER	AMC8GZ057100		1	•	•	•	•	
121	TAPPING SCREW	XTN4+18BFY		—	11	11	11	11	
122	TAPPING SCREW	XTN4+12BFY		—	1	3	1	3	

REF. N°	DESCRIPTION	PART N°	SERVICE CODE	Q'TY	MC-E91N	MC-E91NB	MC-E92N	MC-E93N	
123	TAPPING SCREW	XTN3+8BFY		—	2	2	2	2	
124	TAPPING SCREW	AMC8GX022100		1	•	•	•	•	
125	TAPPING SCREW	XTC4+14BFY		2	•	•	•	•	
126	TAPPING SCREW	XTN3+10BFY		—	—	—	—	5	
127	FIXING SCREW	AMC8GC082100		—	1	3	2	1	
128	FIXING SCREW	XTT4+1600		1	•	•	•	•	
129	CONNECTOR	AMC8GE067100		—	3	4	5	5	
130	CABLE BINDER	AMC8GE050100		—	1	2	1	2	
131	TRANSFORMER SUPPORT	AMC8GD167700		1				•	
132	CORD REEL SUPPORT	AMC8GP017100		1	•	•	•	•	
133	TENSION SELECTOR	AMC8GE020200		1		•			